

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Won-hee Choe et al.

Application No.: 10/621,306

Filing Date: July 18, 2003

Title: METHOD AND APPARATUS FOR  
ADAPTIVELY ENHANCING COLORS  
IN COLOR IMAGES

Group Art Unit: 2622

Examiner:

Confirmation No.: 2519



FOURTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

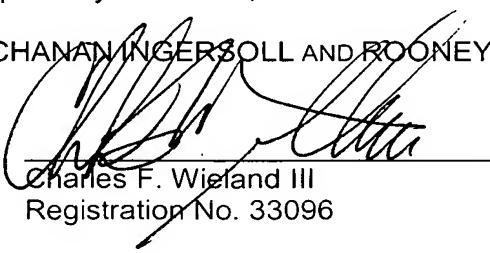
Enclosed is a FOURTH Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL AND ROONEY PC

Date August 21, 2006

By:   
Charles F. Wieland III  
Registration No. 33096

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Won-hee Choe et al. ) Group Art Unit: 2622  
Application No.: 10/621,306 ) Examiner:  
Filed: July 18, 2003 ) Confirmation No.: 2519  
For: METHOD AND APPARATUS FOR )  
ADAPTIVELY ENHANCING COLORS )  
IN COLOR IMAGES )  
)

## FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, a copy of the listed U.S. is not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

This Information Disclosure Statement contains information cited in a search report or other action by a foreign patent office in a counterpart foreign application. An English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith. Specifically, please note that an English-language version of a Chinese Official Action discussing the relevance of the documents listed on the attached Form PTO-1449 is also attached hereto.

FOURTH Information Disclosure Statement  
Application No. 10/621,306  
Attorney's Docket No. 1030681-000541  
Page 2

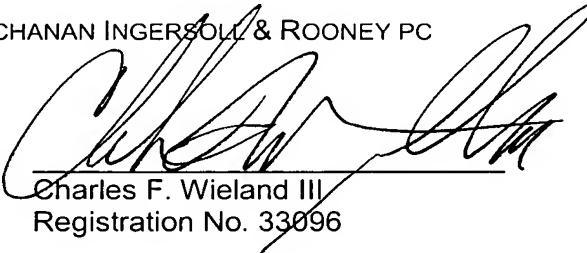
To assist the Examiner, the documents are listed on the attached Form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: August 21, 2006

By:

  
Charles F. Wieland III  
Registration No. 33096

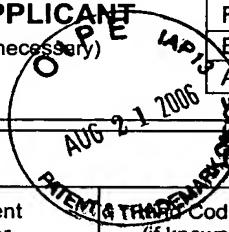
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Alexandria, VA 22313-1404  
703 836 6620

**FOURTH  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/621,306
Filing Date	July 18, 2003
First Named Inventor	Won-hee Choe et al.
Examiner Name	
Attorney Docket No.	1030681-000541



## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*First Office Action issued by The Patent Office of the People's Republic of China on November 4, 2005 for Chinese Application No. 0317 8485.2 and English translation thereof

**\*Copy attached**

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.